

RECEIVED

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

DEC 07 2001

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 6039

Name: L.D. Drilling, Inc.

Address: RR 1 Box 183 B

City/State/Zip: Great Bend, Kansas 67530

Purchaser: Oneok Field Service Co.

Operator Contact Person: L.D. Davis

Phone: (620) 793-3051

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Kim Shoemaker

Designate Type of Completion:

New Well Re-Entry Workover

Oil SWD SIOW Temp. Abd.

Gas ENHR SIGW

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to Enhr./SWD

Plug Back _____ Plug Back Total Depth _____

Com. angled _____ Docket No. _____

Dual Completion _____ Docket No. _____

Other (SWD or Enhr.?) _____ Docket No. _____

<u>02-07-01</u>	<u>02-22-01</u>	<u>3-08-01</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 033-21194-0000

County: Comanche County, Kansas

S/2 S/2 NW/4 Sec. 10 Twp. 32 S. R. 18 East West

2970 feet from S / N (circle one) Line of Section

1320 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Hilt Well #: 1

Field Name: _____

Producing Formation: Altamont

Elevation: Ground: 2102' Kelly Bushing: 2111'

Total Depth: 5750' Plug Back Total Depth: 5028'

Amount of Surface Pipe Set and Cemented at 708 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Docket No.: _____

9-29-06 *[Signature]*

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: L.D. Davis
L. D. Davis

Title: President Date: 12-06-01

Subscribed and sworn to before me this 6th day of December 2001

19 _____
Notary Public: Bessie M. DeWerff
Bessie M. DeWerff

Date Commission Expires: 5-20-05

NOTARY PUBLIC - State of Kansas
BESSIE M. DeWERFF
My Appt. Exp. 5-20-05

KCC Office Use ONLY

- Letter of Confidentiality Attached
- If Denied, Yes Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution

X

Operator Name: L.D. Drilling, Inc. Lease Name: Hilt Well #: 1
 Sec. 10 Twp. 32 S. R. 18 East West County: Comanche County, Kansas

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Dual Compensated Porosity, Borehole Compensated
 Sonic Log, Dual Induction, Microresistivity Log

Log Formation (Top), Depth and Datum Sample

Name Top Datum

SEE ATTACHMENT

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacs Used	Type and Percent Additives
Conductor		20"	34#	74'			
Surface	12-1/4"	8-5/8"	24#	708'	65/35 Class A	225 100	3%cc 3%cc 2%gel
Production	7-7/8"	5-1/2"	15.5#	5282'	Premium	250	10%salt 5%cal seal

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	
			Depth
4 spf	5208-5218	1000 NE	5208-18
4 spf	5124-5132	1500 28% NE	5124-5132
4 spf	4980-4986	500 gal	4980-4986

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2"	5025'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr.			Producing Method		
March 8, 2001			<input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	0	250-300	0		

Disposition of Gas Vented Sold Used on Lease (If vented, Sumit ACO-18.) METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____ Production Interval 4980-4986

ORIGINAL

DAILY DRILLING REPORT

OPERATOR: L. D. DRILLING, INC.

LEASE: HILT #1

WELLSITE GEOLOGIST: KIM SHOEMAKER

RECEIVED

S/2 S/2 NW/4

SEC. 10-32s-18w Comanche

CONTRACTOR: DUKE DRILLING - RIG 4

DEC 07 2001

ELEVATION: 2102' GR 2111' KB

SPUD: 8:30 P.M Feb. 7, 2001

PTD: 6000'

KCC WICHITA

SURFACE: Set 70' 20" conductor pipe

Ran 17 Jts. Set 8 5/8" 24# Surf. csg. @ 708' W/225 sx. 65/35 poz, 6% Gel, 3% cc tailed W/100 sx. class A, 2% GEL, 3% cc Plug Down @ 8:45 A.M. 2-08-01 Did Circulate by Allied Cementing

2-06-01 Move in - Rig up
 2-07-01 finish rigging up and spud @ 8:30 P.M.
 2-08-01 708' Running surface csg @ 7:00 A.M.
 2-09-01 1400' Drilling
 2-10-01 2152' Drilling
 2-11-01 2730' Drilling
 2-12-01 3322' Drilling
 2-13-01 3940' Drilling
 2-14-01 4310' Drilling
 2-15-01 4640' Drilling
 2-16-01 4680' Drilling
 2-17-01 4990' Drilling (DST #2)
 2-18-01 5095' DST #3
 2-19-01 5140' DST #4
 2-20-01 5190' DST #5 on bottom
 2-21-01 5360' Drilling ahead
 2-22-01 5645' Drilling ahead
 2-23-01 5750' RTD Preparing to run 5 1/2" csg.
 5 1/2" set @ 5282 W/250 sx. Premium, 5% cal-seal
 10 % salt, 5# Gilsonite per sk. .5/10% Halad 322
 Plug down @8:00 P.M. 2-23-01

DST #1 4647-4674 L/KC

TIMES: 30-45-45-60

BLOW: 1st Open bb 14 min
 2nd open blt to 5"

RECOVERY: 630' sgcw 5% gas

IFP:25-189 FFP: 194 ISIP: FSIP
 327 1655 1655

DST #2 4956-4990 Altamont

TIMES: 30-45-45-60

BLOW: 1st open bb imm.GTS in 2 min.
 2nd open GTS thru-out 725 mcf
 796mcf to 930 mcf
 RECOVERY: 100' HGCM to 840 mcf

IFP: 100-211 FFP:203- ISIP: FSIP
 224 1840 1833

DST #3 5025-5095 Pawnee/Cherokee

TIMES: 30-45-45-60

BLOW: 1st open bb 1 min. gts in 5 min
 2nd open gts thru-out 147 mc
 101 mcf to 129 mcf
 dec to 134

RECOVERY: 70' gcm

IFP:57-69 FFP: 69-70 ISIP: FSIP
 1856 1830

DST #4 5116-5140 Miss.

TIMES: 30-45-45-60

BLOW: 1st open: bb in 40 seconds
 2nd open: gts in 1 min.

RECOVERY: 16MCF inc. to 21MCF

15' Drilling Mud

IFP: 8-9 FFP: 6-9 ISIP: FSIP
 1776 1779

Temp. 113

DST #5 5142-5190

TIMES: 30-45-45-60

1st open: bb 2 min TO BE CONTIN

SAMPLE TOPS:

LOG TOPS:

Kan Waka Shale	4144 (-2003)	
Heebner	4303 (-2195)	4292 (2181)
Brown Lime	4464 (-2354)	4466 (-2355)
Lansing	4485 (-2374)	4483 (-2372)
Base K/C	4865 (-2754)	4866 (-2755)
Marm.	4933 (-2822)	4931 (-2820)
Altamont	4967 (-2856)	4969 (-2858)
Cherokee	5062 (-2951)	5064 (-2953)
Mississippi	5111 (-3000)	5118 (-3007)
Viola	5647 (-3536)	5650 (-3539)
RTD	5750 (-3639)	5753 (-3642)

ORIGINAL

DST #5 5142-5190 Miss.

TIMES: 30-45-45-60

BLOW: 1st open: bb in 2 min.

2nd open: bb immediately

RECOVERY: 1050' GIP

12' sgcm

IFP: 22-31

FFP: 32-32

ISIP: 348

FSIP: 494 temp 118°

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DEC 07 2001

KCC WICHITA

ORIGINAL

Halliburton Energy Services, Inc.

Sales Order Number: 1160106

Sales Order Date: February 23, 2001

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
76400	MILEAGE,CMTG MTLs DEL/RET PER/ 500-306 / MILEAGE,CMTG MTLs DEL/RET PER/TON MI.MIN NUMBER OF TONS	1,799	MI		1.51	2,716.49	814.95--	1,901.54
	SALES ORDER AMOUNT							16,368.42
	Sales Tax - State							581.43
	Sales Tax - County							36.04
	Sales Tax - City/Loc							118.68
	SALES ORDER TOTAL							17,104.57 US Dollars

Operator Name:

Halliburton Approval X _____

Customer Agent:

Customer Signature X _____



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DEC 07 2001

KCC WICHITA

ORIGINAL

Halliburton Energy Services, Inc.

Sales Order Number: 1160106

Sales Order Date: February 23, 2001

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
100078075	SHOE ASSY - FORM PACKER - 5-1/2 80855.137 / SHOE ASSY - FORM PACKER - 5-1/2 8RD - / 7 IN. OD PKR - FLAPPER VALVE TYPE	1	EA		3,975.00	3,975.00	993.75--	2,981.25
100078046	FILUP ASSY,1.250 ID,FORM PKR S FILLUP ASSY - 1.250 ID - FORM PKR SHOE / FILLUP ASSY - 1.250 ID - FORM PKR SHOE	1	EA		110.00	110.00	27.50--	82.50
100004476	CTRZR ASSY,5 1/2 CSG X 7 7/8 H 806.60022 / CENTRALIZER ASSY - API - 5-1/2 CSG X / 7-7/8 HOLE - HINGED - W/WELDED / IMPERIAL BOWS	8	EA		70.00	560.00	168.00--	392.00
100004614	BSKT,CEM,5 1/2 CSG,SLIP-ON,STL 806.71430 / BASKET - CEMENT - 5-1/2 CSG - SLIP-ON / - STEEL BOWS - CANVAS	1	EA		211.00	211.00	63.30--	147.70
13383	SBM MUD FLUSH,ZI 018-315 / SBM MUD FLUSH,ZI	500	GAL		1.05	525.00	157.50--	367.50
100003687	Cement- Premium (Bulk) CEMENT - CLASS H - PREMIUM - BULK / CEMENT - CLASS H - PREMIUM - BULK	275	SK		18.95	5,211.25	1,563.38--	3,647.87
100064022	Chem- Calseal 60 (Bulk) 508-127516.00335 / CHEMICAL - CAL SEAL - BULK	13	SK		47.57	618.41	185.52--	432.89
100003700	Chem- Gilsonite (Bulk) 508-292 516.00337 / CHEMICAL - GILSONITE - BULK	1,375	LB		0.69	948.75	284.63--	664.12
100003646	CHEMICAL - HALAD-322 - 50 LB S 507-775516.00144 / CHEMICAL - HALAD-322 - 50 LB SACK	130	LB		9.05	1,176.50	352.95--	823.55
100003695	SALT,CEM GR,BULK 509-968516.00315 / SALT - CEMENT GRADE - BULK	1,333	LB		0.22	293.26	87.98--	205.28
3965	HANDLE&DUMP SVC CHR, CMT&ADDI 500-207	340	CF		2.47	839.80	251.94--	587.86
	NUMBER OF EACH	1	each					

SALES ORDER



Halliburton Energy Services, Inc.

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DEC 07 2001

NCC WICHITA

ORIGINAL

Sales Order Number: 1160106

Sales Order Date: February 23, 2001

SOLD TO:
L D DRILLING CO
ROUTE 1 BOX 183-B
GREAT BEND KS 67530
USA

Ticket Type: Services
Well/Rig Name: L.D. DRILLING HILT 1, COMANCHE
Company Code: 1100
Customer P.O. No.: N/A
Shipping Point: Liberal, KS, USA
Sales Office: Mid-Continent BD
Well Type: Gas
Well Category: Development
Service Location: 0037
Payment Terms: Net due in 20 days

SHIP TO:
L.D. DRILLING HILT 1, COMANCHE
HILT
API 15-033-21194
COLDWATER KS 67029
USA

Material	Description	QTY	UOM	Base Amount	Unit Amount	Gross Amount	Discount	Net Amount
7523	CEMENT PRODUCTION CASING - BOM JP035	1	JOB					
1	MILEAGE FROM NEAREST HES BASE, 000-117 Number of Units	120 1	MI unit		4.05	486.00	145.80--	340.20
2	MILEAGE FOR CEMENTING CREW,ZI 000-119 Number of Units	120 1	MI unit		2.38	285.60	85.68--	199.92
16091	CSG PUMPING,0-4 HRS,ZI 001-016 / CSG PUMPING,0-4 HRS,ZI DEPTH FEET/METRES (FT/M)	1 5,250	EA FT		2,917.00	2,917.00	875.10--	2,041.90
132	PORTABLE DAS,/DAY/JOB,ZI 045-050 NUMBER OF DAYS	1 1	JOB Days		916.00	916.00	274.80--	641.20
7	ENVIRONMENTAL SURCHARGE,/JOB,Z 000-150	1	JOB		66.24	66.24		66.24
114	R/A DENSOMETER W/CHART RECORDE 019-500 NUMBER OF UNITS	1 1	JOB each		625.00	625.00	187.50--	437.50
88	PLUG CONTAINER RENTAL-1st Day 019-248 NUMBER OF DAYS	1 1	EA Days		582.00	582.00	174.60--	407.40



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Work Order Contract

ORIGINAL

HALLIBURTON 2001

Halliburton Energy Services, Inc.
Houston Texas 77056

Order Number

1160106

70012 SAP

KCC WICHITA

TO: HALLIBURTON ENERGY SERVICES, INC. - YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICE PERSONNEL TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO CUSTOMER LISTED BELOW AND DELIVER AND SELL PRODUCTS, SUPPLIES AND MATERIALS FOR THE PURPOSE OF SERVICING:

Table with 4 rows and 4 columns: Well No., Farm or Lease, County, State, Well Permit #, Customer, Well Owner, Job Purpose.

THIS WORK ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

A. CUSTOMER REPRESENTATION - Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by Halliburton Energy Services, Inc. (hereinafter "Halliburton").

B. PRICE AND PAYMENT - The services, equipment, products, and/or materials to be supplied hereunder are priced in accordance with Halliburton's current price list. All prices are exclusive of taxes. If Customer does not have an approved open account with Halliburton, all sums due are payable in cash at the time of performance of services or delivery of equipment, products or materials.

C. RELEASE AND INDEMNITY - Customer agrees to RELEASE Halliburton Group from any and all liability for any and all damages whatsoever to property of any kind owned by, in the possession of, or leased by Customer and those persons and entities Customer has the ability to bind by contract or which are co-interest owners or joint ventures with Customer.

loss of well control; services to control a wild well whether underground or above the surface; reservoir or underground damage, including loss of oil, gas, other mineral substances or water; surface damage arising from underground damage; damage to or loss of the well bore; subsurface trespass or any action in the nature thereof; fire; explosion; subsurface pressure; radioactivity; and pollution and contamination and its cleanup and control.

CUSTOMER'S RELEASE, DEFENSE, INDEMNITY AND HOLD HARMLESS obligations will apply even if the liability and claims are caused by the sole, concurrent, active or passive negligence, fault, or strict liability of one or more members of the Halliburton Group, the unseaworthiness of any vessel or any defect in the data, products, supplies, materials or equipment furnished by any member or members of the Halliburton Group whether in the design, manufacture, maintenance or marketing thereof or from a failure to warn of such defect.

D. EQUIPMENT LIABILITY - Customer shall at its risk and expense attempt to recover any Halliburton Group equipment lost or lodged in the well. If the equipment is recovered and repairable, Customer shall pay the repair costs, unless caused by Halliburton's sole negligence. If the equipment is not recovered or is irreparable, Customer shall pay the replacement cost, unless caused by Halliburton's sole negligence.

E. LIMITED WARRANTY - Halliburton warrants only title to the equipment, products, and materials supplied under this Contract and that same are free from defects in workmanship and materials for thirty (30) days from the date of delivery. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE.

F. GOVERNING LAW - The validity, interpretation and construction of this Contract shall be determined by the laws of the jurisdiction where the services are performed or the equipment or materials are delivered.

G. DISPUTE RESOLUTION - Customer and Halliburton agree that any dispute that may arise out of the performance of this Contract shall be resolved by binding arbitration by a panel of three arbitrators under the rules of the American Arbitration Association. The arbitration will take place in Houston, TX.

H. SEVERABILITY - If any provision or part thereof of this Contract shall be held to be invalid, void, or of no effect for any reason, such holding shall not be deemed to affect the validity of the remaining provisions of this Contract which can be given effect, without the invalid provision or part thereof, and to this end, the provisions of this Contract are declared to be severable.

I. MODIFICATIONS - Customer agrees that Halliburton shall not be bound by any modifications to this Contract, except where such modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS WORK ORDER CONTRACT WHICH CONTAINS RELEASE AND INDEMNITY LANGUAGE WHICH CUSTOMER ACKNOWLEDGES IS CONSPICUOUS AND AFFORDS FAIR AND ADEQUATE NOTICE AND I REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED: [Signature] CUSTOMER Authorized Signatory DATE: 2-23-01 TIME: 1100 A.M.

Customer Acceptance of Materials and Services

THE CUSTOMER HEREBY ACKNOWLEDGES RECEIPT OF THE MATERIALS AND SERVICES DESCRIBED ON THE ATTACHED ORDER NUMBER

[Signature] CUSTOMER Authorized Signatory

White-Office

Canary-Field Office

Pink-Customer

Green-Retain



JOB SUMMARY 70006

TICKET #	1160106	TICKET DATE	12/23/01
BDA / STATE	KS	COUNTY	COMANCHE
PSL DEPARTMENT	ZONAL ISOLATION		
CUSTOMER REP / PHONE	L. D. DAVIS 1316-786-1782		
API / UWI #			
JOB PURPOSE CODE	035		
HES FACILITY (CLOSEST TO WELL SITE)	LIBERTY KS		

REGION	North America	NWA / COUNTRY	MID CONTINENT
MBU ID / EMP #	MCL T0104 105848	EMPLOYEE NAME	JOHN WOODROW
LOCATION	LIBERTY KS	COMPANY	L. D. DRILLING
TICKET AMOUNT	17109.57	WELL TYPE	01
WELL LOCATION	COLDWATER	DEPARTMENT	CEMENT
LEASE / WELL #	HILT #1	SEC / TWP / RNG	10-323-18W

HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS	HES EMP NAME/EMP # (EXPOSURE HOURS)	HRS
J. WOODROW 105848		G. HUMPHRIES 106055					
J. REINER 106056							

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
420621 PIU	120	54225-6612	120				
54219-78259	120						

Form Name _____ Type: _____
 Form Thickness _____ From: _____ To _____
 Packer Type PACKER SHOE Set At 5272
 Bottom Hole Temp: _____ Pressure _____
 Misc Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		H
Float Shoe <u>PACKER 5/2</u>	1	
Guide Shoes		O
Centralizers <u>S-4 5/2</u>	8	
Bottom Plug		W
Top Plug <u>L.D. 5/2</u>	1	
Head <u>P/C 5/2</u>	1	C
Packer		
Other <u>BASKET 5/2</u>	1	O

MATERIALS

Treat Fluid _____	Density _____	Lb/Gal _____
Disp. Fluid _____	Density _____	Lb/Gal _____
Prop. Type _____	Size _____	Lb. _____
Acid Type _____	Gal. _____	% _____
Surfactant _____	Gal. _____	In _____
NE Agent _____	Gal. _____	In _____
Fluid Loss _____	Gal/Lb _____	In _____
Gelling Agent _____	Gal/Lb _____	In _____
Fric. Red. _____	Gal/Lb _____	In _____
Breaker _____	Gal/Lb _____	In _____
Blocking Agent _____	Gal/Lb _____	Qty _____
Perpac Balls _____	Qty _____	
Other _____		
Other _____		
Other _____		
Other _____		

DATE TIME	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
	2-23-01	2-23-01	2-23-01	2-23-01

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLO
Casing	N	15.5	5 1/2	KB		
Liner						
Liner						
Tbg/D.P.						
Tbg/D.P.						
Open Hole						
Perforations						
Perforations						
Perforations						

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HOURS ON LOCATION		OPERATING HOURS		DESCRIPTION OF JOB
DATE	HOURS	DATE	HOURS	
				(SEE JOB LOG)
TOTAL		TOTAL		

ORDERED _____ HYDRAULIC HORSEPOWER _____ Used _____
 TREATED _____ AVERAGE RATES IN BPM _____ Overall _____
 FEET 42.51 CEMENT LEFT IN PIPE _____ Reason SHOE JOINT

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GA
	275	PREMIUM	B	58 CAL-SEAL - 10% SALT - 5.8 HALAD - 322 - 5# GILSONITE	1.39	15.2

Circulating _____	Displacement _____	Preflush: Gal-BBL <u>10</u>	Type <u>MID FLUSH</u>
Breakdown _____	Maximum _____	Load & Bkdn: Gal-BBL _____	Pad: BBL-Gal _____
Average _____	Frac Gradient _____	Treatment Gal-BBL _____	Disp: BBL-Gal <u>124.5</u>
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr Gal-BBL <u>68</u>	Total Volume Gal-BBL _____

Frac Ring #1 _____	Frac Ring #2 _____	Frac Ring #3 _____	Frac Ring #4 _____
THE INFORMATION STATED HEREIN IS CORRECT		CUSTOMER'S REPRESENTATIVE SIGNATURE <u>L. D. Davis</u>	

ALLIED CEMENTING CO., INC. 5172

Federal Tax I.D.# XXXXXXXXXX

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT
Med Lodge

DATE <u>2-8-01</u>	SEC. <u>10</u>	TWP. <u>32S</u>	RANGE <u>18W</u>	CALLED OUT <u>4:00 AM</u>	ON LOCATION <u>5:30 AM</u>	JOB START <u>7:15 AM</u>	JOB FINISH <u>8:45 AM</u>
LEASE <u>Hilt</u>	WELL # <u>1</u>	LOCATION <u>Coldwater Net 3E</u>			COUNTY <u>Comanche</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>1/2 S @ E side of Gray House</u>			

CONTRACTOR Duke #4
 TYPE OF JOB surface
 HOLE SIZE 12 1/8 T.D. 708
 CASING SIZE 8 7/8 DEPTH 708
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL Baffle DEPTH 466
 PRES. MAX 600 MINIMUM 200
 MEAS. LINE _____ SHOE JOINT 42.48
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT 43 BBLs Fresh H₂O

OWNER LD Drilling
 CEMENT
 AMOUNT ORDERED 250 SX 65.35.6 + 3% cc
+ 1" Flo-seal 200 SX Class A + 3% cc
+ 2% gel
 COMMON A 100 @ 6.35 635.00
 POZMIX _____ @ _____
 GEL 2 @ 9.50 19.00
 CHLORIDE 12 @ 28.00 336.00
AW 250 @ 6.00 1500.00
Eco-SEAL 63# @ 1.40 88.20
 _____ @ _____
 _____ @ _____
 HANDLING 377 @ 1.05 395.85
 MILEAGE 377 x 37 .04 557.96

EQUIPMENT

PUMP TRUCK CEMENTER Justin Hart
 # 359-265 HELPER Mark Brungardt
 BULK TRUCK
 # 258-314 DRIVER Mike Rucker
 BULK TRUCK
 # _____ DRIVER _____

RECEIVED

TOTAL 3532.01

DEC 07 2001
NCC WICHITA

SERVICE

REMARKS:

Pipe on Bottom Break Circ
1250 SX 65.35.6 @ 12.8#
100 SX A3/8 @ 15.2#
Disp 43 BBLs Bump Plug
200# to 600#
Shut head in Release Press
Circulated Cement

DEPTH OF JOB 708'
 PUMP TRUCK CHARGE 0-300' 470.00
 EXTRA FOOTAGE 408' @ .43 175.44
 MILEAGE 37 @ 3.00 111.00
 PLUG 8 7/8 TRP @ 90.00 90.00
 _____ @ _____
 _____ @ _____

TOTAL 846.44

CHARGE TO: LD Drilling, Inc.
 STREET RR 1, Box 123-B
 CITY GREAT BEND STATE KANSAS ZIP 67530

FLOAT EQUIPMENT

8 7/8
 1- Baffle Plate @ 45.00 45.00
 2- Centralizers @ 55.00 110.00
 1- Basket @ 180.00 180.00
 _____ @ _____
 _____ @ _____

TOTAL 335.00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX _____
 TOTAL CHARGE 4713.45
 DISCOUNT 471.35 IF PAID IN 30 DAYS
4242.10

SIGNATURE Gabe D Rouch

Gabe D Rouch
 PRINTED NAME